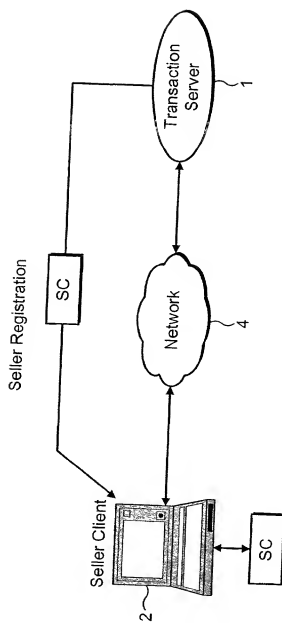
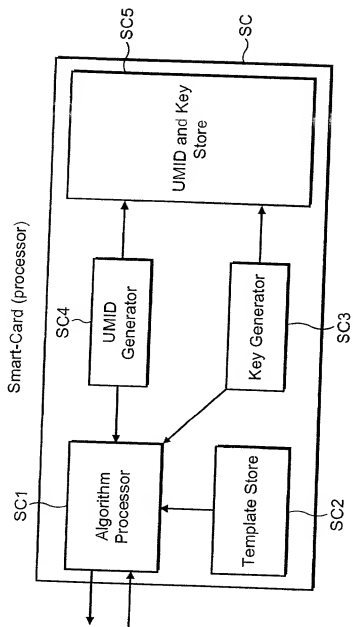


FIG. 1



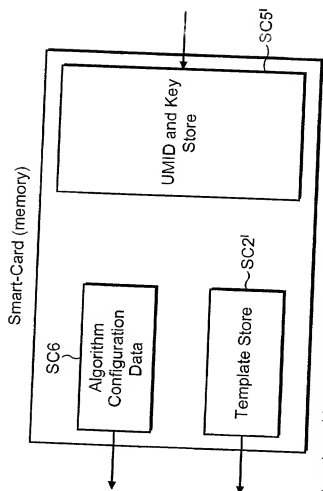
- Seller registers with transaction-server, setting passwords, bank account details etc.
- Transaction-server sends smart-card to seller
- Seller designs template and chooses algorithm using the transaction server web-site
- Seller's smart-card is configured

FIG. 2



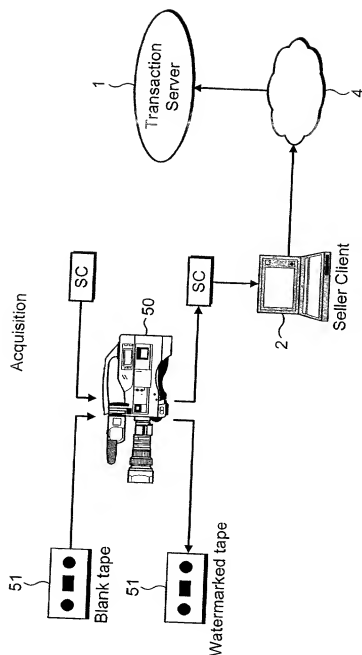
All algorithmic processing, key generation and UMID generation is performed on the smart-card

FIG. 3



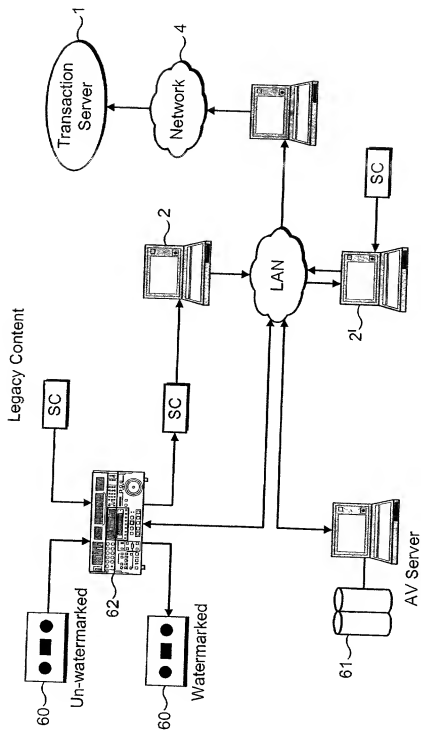
· Smart-card initialised with algorithm configuration data and template
· Generated UMIDs and keys are loaded onto the smart-card

FIG. 4



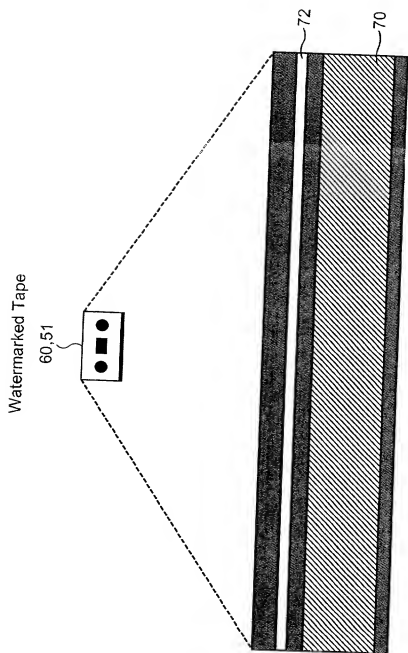
·Upload transaction-server with UMIDs, keys, metadata, price information, conditions-of-sale, etc

FIG. 5



· Upload transaction-server with UMIDs, keys, metadata, price information, conditions of sale, etc

FIG. 6



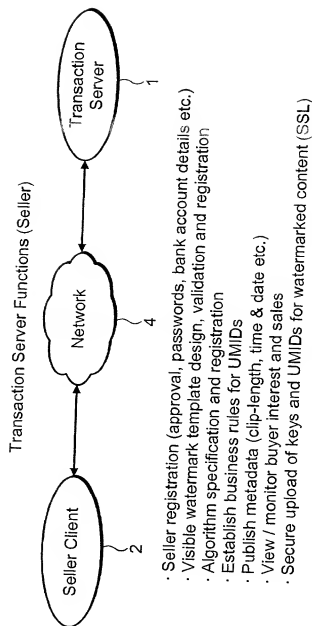


FIG. 8

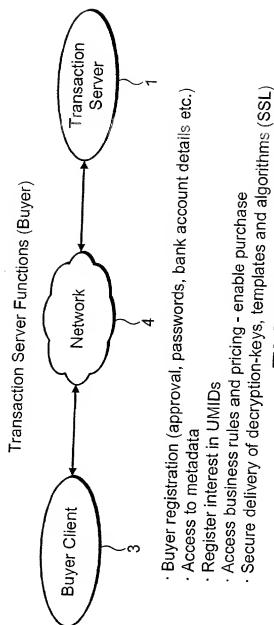


FIG. 9

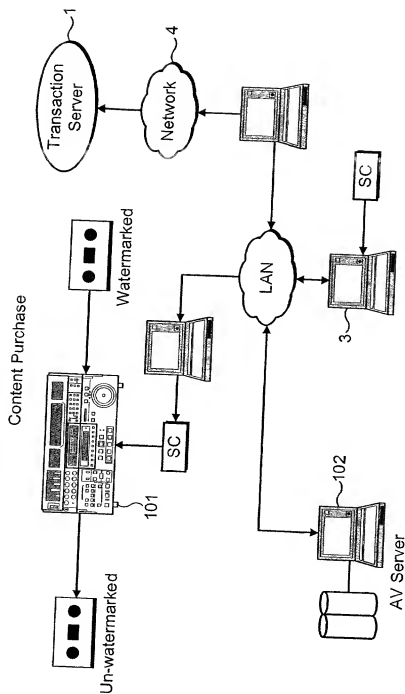


FIG. 10

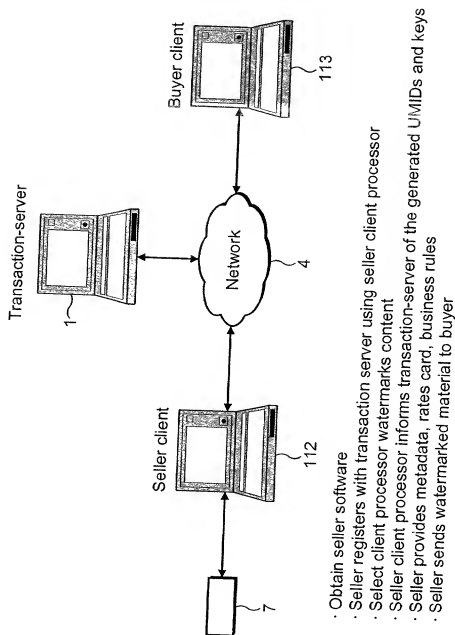
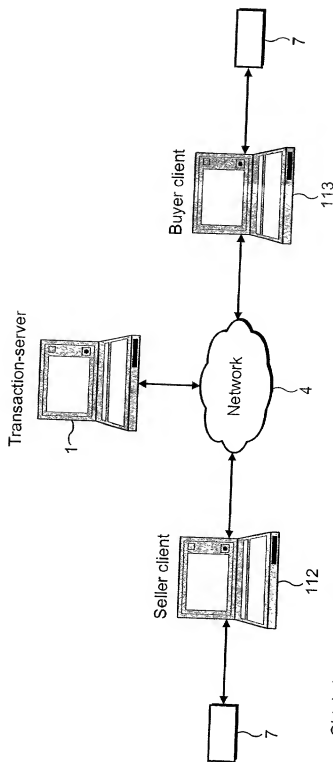


FIG. 12



- Obtain buyer software
- Buyer registers with transaction server
- Buyer views watermarked content and decides to purchase
- Transaction server delivers license file
- Buyer client processor obtains removal data from license file
- Buyer client processor removes watermark and optionally adds fingerprint

FIG. 13

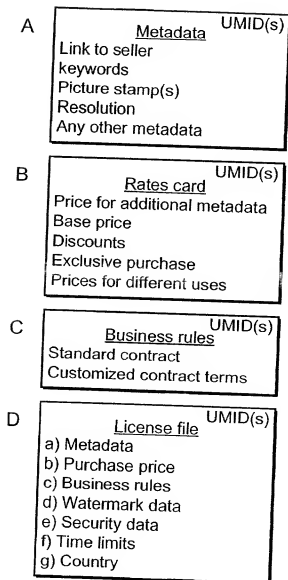


FIG. 14

Statistics / Transaction log

Seller
 Buyer
 Content
 Price
 Total Sales
 Total Price
 Analysis by genre
 Time expired material
 Country / region analysis

FIG. 15